## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	463	"210/500.41".OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 16:44
S2	233	"210/500.41".COLS.	EPO; JPO; DERWENT	OR	OFF	2008/09/22 16:44
83	971	"210/500.23".OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 16:44
S4	689	"210/500.23".OOLS.	EPO; JPO; DERWENT	OR	OFF	2008/09/22 16:45
S5	464	"210/500.42".OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 16:45
S6	132	"210/500.42".OOLS.	EPO; JPO; DERWENT	OR	OFF	2008/09/22 16:45
S7	588	"210/500.27".OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 16:45
S8	156	"210/500.27".OOLS.	EPO; JPO; DERWENT	OR	OFF	2008/09/22 16:45
S9	21	((FRIEDBERT) near2 (WECHS)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 16:45
S10	13	((FRIEDBERT) near2 (WECHS)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/09/22 16:45
S11	95	membrana	EPO; JPO; DERWENT	OR	OFF	2008/09/22 16:46
S13	3	"4814082".pn. "4976859".pn. "4673504".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 08:53
S14	1	"5919370".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:03
<b>S</b> 15	0	S13 AND S14 AND negative	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:04
S16	0	S13 AND S14 AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:04
S17	12	negative SAME polyelectrolyte AND hollow NEAR fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:05
S18	13	negative SAME polyelectrolyte AND hollow NEAR fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 09:05
S19	0	"5919370".pn. AND polyelectrolyte AND charge	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:21

S20	0	"5919370".pn. AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:21
S21	2	"3808305".pn. "4012324".pn.	USPAT	OR	OFF	2008/09/23 09:23
S22	1	S21 AND polyelectrolyte AND negative	USPAT	OR	OFF	2008/09/23 09:23
S23	4	S13 S14	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:29
S24	1	S23 AND negative	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09: <b>2</b> 9
S25	1	S23 AND negative AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:29
S26	1	S23 AND polyelectrolyte AND acrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:29
S27	10	negative SAME polyelectrolyte AND hollow NEAR fiber AND acrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:30
S28	10	negative SAME polyelectrolyte AND hollow NEAR fiber AND acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 09:30
S29	0	negative SAME polyelectrolyte SAME precipitant AND hollow NEAR fiber AND acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 09:33
S30	0	negative SAME polyelectrolyte SAME wash AND hollow NEAR fiber AND acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 09:34
S31	10	("4976859"   "5236588"   "5554292").PN. OR ("5919370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:40
S32	0	S31 AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:40
S33	1	"4915839".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:41
S34	39	("3246767"   "4212744"   "4431545").PN. OR ("4915839").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:41
S35	3	S34 AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:41
S36	23	S34 AND negative	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 09:42

S37	40	("20050139537"	US-PGPUB;	OR	OFF	2008/09/23
	1	"20050211621"	USPAT; USOCR	-		09:43
		"4309247"   "4380590"				
		"4523995"				
		"4702840"   "4882223"				
		"4915839"     4000007"   "F004540"				
		"4980067"   "5004543"   "5021160"				
		"5032281"   "5051114"				
		"5085780"				
		"5116650"   "5128041"				
	i	"5151189"				
		"5269931"   "5277812"				
		"5376298"				
	•	"5393430"   "5438128"				
		"5462867"				
		"5472696"   "5531893"   "5543054"				
		"5593576"   "5749942"				
		"6045694"				
		"6045697"   "6183640"				
		"6258272"				
		"6270674"   "6673443"				
		"6780327"				
		"6783937"   "6790327"				
		"6849185"   "6851561"				
		"6860393").PN. OR				
		("7189322").URPN.				
S38	1745	"4745"	US-PGPUB;	OR	OFF	2008/09/23
			USPAT; USOCR			09:44
S39	169	"04745"	US-PGPUB;	OR	OFF	2008/09/23
			USPAT; USOCR;			09:44
			EPO; JPO;			
			DERWENT			
S40	4	"3876738".pn.	US-PGPUB; USPAT: USOCR:	OR	OFF	2008/09/23
			EPO; JPO;			09:48
			DERWENT			
S41	1	"6860393".pn.	USPAT	OR	OFF	2008/09/23
541	1	6860393 .pn.	USPAT	UH	OFF	09:51
S42	8	("4455370" I	US-PGPUB:	OR	OFF	2008/09/23
3+2	0	"4617321"   "5021160"	USPAT; USOCR	On	OI F	09:51
	•	"5783094"	J, 000011			155.01
		"5843789").PN. OR				
	į	("6860393").URPN.				
S43	1	"6783937".pn.	US-PGPUB;	OR	OFF	2008/09/23
	***************************************		USPAT; USOCR			09:57
S44	53	"341473"	US-PGPUB;	OR	OFF	2008/09/23
	ì		USPAT; USOCR;		1	10:36
			EPO; JPO;			
	-		DERWENT		1	1

S45	2	"5013765".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 10:37
S46	19	210/321.62.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 13:58
S47	685	210/646.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 13:58
S48	15	membrana.asnm.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/23 13:59
S49	858	polyelectrolyte AND hollow AND (fiber OR membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 14:00
S50	411	polyelectrolyte AND hollow AND (fiber OR membrane) AND precip \$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 14:01
S51	60	polyelectrolyte AND hollow AND (fiber OR membrane) AND precip \$ AND spinning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 14:01
S52	38	polyelectrolyte AND hollow AND (fiber OR membrane) AND precip \$ AND spinning AND negative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 14:01
<b>S</b> 53	177	electrolyte AND hollow AND (fiber OR membrane) AND precipi \$ AND spinning AND negative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 14:11
S54	851	hollow AND (fiber OR membrane) AND precipi \$ AND spinning AND negative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 14:11
<b>S</b> 55	234	hollow AND (fiber OR membrane) AND precipi \$ AND spinning AND negative SAME charge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/23 14:12
S56	469	"210/500.41".COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S57	233	"210/500.41".COLS.	EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S58	989	"210/500.23".COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S59	689	"210/500.23".COLS.	EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04

S60	475	"210/500.42".OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S61	132	"210/500.42".OOLS.	EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S62	608	"210/500.27".OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S63	156	"210/500.27".OOLS.	EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S64	22	((FRIEDBERT) near2 (WECHS)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S65	13	((FRIEDBERT) near2 (WECHS)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S66	97	membrana	EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S67	3	"4814082".pn. "4976859".pn. "4673504".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S68	1	"5919370".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S69	0	S67 AND S68 AND negative	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S70	0	S67 AND S68 AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S71	12	negative SAME polyelectrolyte AND hollow NEAR fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S72	13	negative SAME polyelectrolyte AND hollow NEAR fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
<b>S7</b> 3	0	"5919370".pn. AND polyelectrolyte AND charge	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S74	0	"5919370".pn. AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S75	2	"3808305".pn. "4012324".pn.	USPAT	OR	OFF	2009/02/24 12:04
S76	1	S75 AND polyelectrolyte AND negative	USPAT	OR	OFF	2009/02/24 12:04
S77	4	S67 S68	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S78	1	S77 AND negative	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S79	1	S77 AND negative AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04

S80	1	S77 AND polyelectrolyte AND acrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S81	10	negative SAME polyelectrolyte AND hollow NEAR fiber AND acrylic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S82	10	negative SAME polyelectrolyte AND hollow NEAR fiber AND acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S83	0	negative SAME polyelectrolyte SAME precipitant AND hollow NEAR fiber AND acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S84	0	negative SAME polyelectrolyte SAME wash AND hollow NEAR fiber AND acrylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
<b>S8</b> 5	11	("4976859"   "5236588"   "5554292").PN. OR ("5919370").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S86	0	S85 AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S87	1	"4915839".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S88	39	("3246767"   "4212744"   "4431545").PN. OR ("4915839").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
<b>S</b> 89	3	S88 AND polyelectrolyte	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S90	23	S88 AND negative	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S91	40	("20050139537"   "2005021621"   "4309247"   "4380590"   "4523995"   "4523995"   "4915839"   "4980067"   '5004543"   "5021160"   "501114"   "5082780"   "51189"   "5269931"   "5277812"   "539736298"   "5393430"   "5438128"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04

		"5462867"   "5531893"   "5543054"   "5543054"   "5593576"   "5749942"   "6045697"   "6183640"   "6286272"   "6780327"   "6780327"   "6780327"   "68451561"   "6860393"). FN. OR ("7189322"). URPN.				
S92	1819	"4745"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S93	174	"04745"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S94	4	"3876738".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
<b>S</b> 95	1	"6860393".pn.	USPAT	OR	OFF	2009/02/24 12:04
S96	8	("4455370"   "4617321"   "5021160"   "5783094"   "5843789").PN. OR ("6860393").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S97	1	"6783937".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S98	54	"341473"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S99	2	"5013765".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S100	19	210/321.62.cdls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S101	700	210/646.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04
S102	17	membrana.asnm.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/24 12:04

S103	921	polyelectrolyte AND hollow AND (fiber OR membrane)	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S104	448	polyelectrolyte AND hollow AND (fiber OR membrane) AND precip \$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S105	67	polyelectrolyte AND hollow AND (fiber OR membrane) AND precip \$ AND spinning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S106	40	polyelectrolyte AND hollow AND (fiber OR membrane) AND precip \$ AND spinning AND negative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S107	183	electrolyte AND hollow AND (fiber OR membrane) AND precipi \$ AND spinning AND negative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S108	901	hollow AND (fiber OR membrane) AND precipi \$ AND spinning AND negative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04
S109	248	hollow AND (fiber OR membrane) AND precipi \$ AND spinning AND negative SAME charge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/24 12:04

<sup>2/24/2009 12:08:30</sup> PM

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